U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

Complete if Known				
Application Number Not yet assigned				
Filing Date	20 October 2003			
First Named Inventor	Mark Beaumont			
Art Unit	Not yet assigned			
Examiner Name	Not yet assigned			
Attorney Docket Number DB001067-000				

			U. S. PATENT	DOCUMENTS	
Examiner Cite Document Number nitials* No.1		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
·	ļ	Number-Kind Code ^{2 (I known)}	00.00.0000	IZ	r iguico / ppoci
		^{US-} 6,430,618 B1	08-06-2002	Karger et al.	
		^{US-} 6,421,772 B1	07-16-2002	Maeda et al.	
		^{US-} 6,404,439 B1	06-11-2002	Coulombe et al.	
		^{US-} 6,292,822 B1	09-18-2001	Hardwick	
· -		^{US-} 6,219,776 B1	04-17-2001	Pechanek et al.	
		^{US-} 6,279,088 B1	08-21-2001	Elliot et al.	
		^{US-} 6,078,945	06-20-2000	Hinsley	
		^{US-} 5,966,528	10-12-1999	Wilkinson et al.	
		^{US-} 5,892,517	04-06-1999	Rich	
		^{US-} 5,850,489	12-15-1998	Rich	
		^{US-} 5,630,129	05-13-1997	Wheat	
		^{US-} 5,581,773	12-03-1996	Glover	
		^{US-} 5,535,387	07-09-1996	Matsouka et al.	
		^{US-} 5,241,677	08-31-1993	Naganuma et al.	
•		US-			
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Cite Initials* No.1	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY	· · · · · · · · · · · · · · · · · · ·	Or Relevant Figures Appear	T	
						⊨	
						L	
		,					
						L	

	· · · · · · · · · · · · · · · · · · ·		
Examiner		Date	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	te for form 1449/PTO			Compi t ii known			
Cooding				Appli ation Number	Not Yet Assigned		
INFO	DRMATION	DIS	CLOSURE	Filing Date	20 October 2003		
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Mark Beaumont		
	(Use as many she	ets as n	ecessary)	Art Unit	Not Yet Assigned		
	(OSC US MUNY SIN	.013 43 11	,	Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	DB001067-000		

•		
	NON PATENT LITERATURE DOCUMENTS	
Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	Daehyun Kim, Mainak Chaudhuri, and Mark Heinrich, Leveraging Cache Coherence in Active Memory Systems, Proceedings of the 16th ACM	
	Int'l Conference on Supercomputing, pages 2-13, New York City, USA, June 2002.	
	Mainak Chaudhuri, Daehyun Kim, and Mark Heinrich, Cache Coherence Protocol Design for Active Memory Systems, Proceedings of the 2002	
	Int'l Conference on Parallel and Distributed Processing Techniques and Applications, pages 83-89, Las Vegas, USA, June 2002.	
	Cite No.1	Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Daehyun Kim, Mainak Chaudhuri, and Mark Heinrich, Leveraging Cache Coherence in Active Memory Systems, Proceedings of the 16th ACM Int'l Conference on Supercomputing, pages 2-13, New York City, USA, June 2002. Mainak Chaudhuri, Daehyun Kim, and Mark Heinrich, Cache Coherence Protocol Design for Active Memory Systems, Proceedings of the 2002 Int'l Conference on Parallel and Distributed Processing Techniques and

Examiner	Date	***
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.